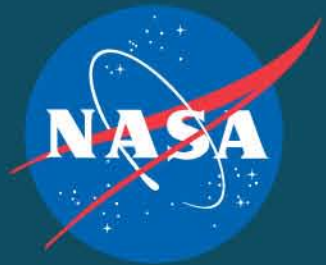# The Future Brought to You by NASA

America is beginning an exciting new chapter in space exploration. To enable the future, NASA has developed a set of roadmaps to define the key new technologies required for our human and robotic explorers to safely venture into deep space, to better understand how our own solar system evolved, and to unravel the mysteries of our universe.

The map you see here is a graphical representation of the NASA Space Technology Roadmaps, serving as a portal to the various technologies that NASA is developing. Let this technology portal serve as a starting point for your adventures beyond the bounds of Earth...

To learn more visit
www.nasa.gov/oct

TA01 Launch Propulsion Systems

TA02 In-Space Propulsion Technologies

TA03 Space Power & Energy Storage

TA04 Robotics, Tele-Robotics & Autonomous Systems

TA05 Communication & Navigation

TA06 Human Health, Life Support & Habitation Systems

TA07 Human Exploration Destination Systems

TA08 Science Instruments, Observatories & Sensor Systems

TA09 Entry, Descent & Landing Systems

TA10 Nanotechnology

TA11 Modeling, Simulation, Information Technology & Processing

TA12 Materials, Structures, Mechanical Systems & Manufacturing

TA13 Ground & Launch Systems Processing

TA14 Thermal Management Systems